

Darwin Ameli

Technician ES in Computer Science

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SUMMARY

With 8 years of studies in computer science, I have acquired a lot of theoretical knowledge in the field. I spent half of my apprenticeship in a company on a part-time basis to learn and familiarize myself with company life. This allowed me to learn how to manage customers, organize my work as well as how to deal with stress in the face of challenges.

Through my group and personal works, I developed the ability to work in teams and collaborate to achieve our goals.

EXPERIENCE

Swiss military service — Pioneer

June - October 2020

Establishment of the integrated military telecommunications network.

UNINE, Neuchâtel — IT Apprentice

2018 - 2020

University of Neuchâtel

Back-end and Front-end department, maintenance of the IT infrastructure and assistance to students and collaborators.

STEG Electronics AG, Marin — IT Apprentice

2015 - 2018

IT and electronics solution store

After Sales Services, Help-Desk, Seller.

FORMATION

HEG Arc, Neuchâtel — Bsc in Business Information Technology

2023 - now

Bachelor degree HES

The University of Applied Sciences (HEG Arc) is one of the domains of

INTERESTS

Cyber Security

Cloud-based technologies

Innovation

AI (Machine / Deep Learning)

DevOps

HOBBIES

President - Neuchâtel Chess club -
Captain of 3rd league

Model - Freelance model

CTF Player - World Hacking
Competition in teams (OpenToAll /
OpenBlue / Weak But Leet)

LANGUAGES

French : C2

English : C1

German : A2

Italian : A2

TECHNICAL SKILLS

Tools

Terraform, Ansible, LXD, HAProxy,
Traefik, Portainer, Docker,
Kubernetes, MS Office, MS Visual
Studio IDE, PyCharm, PhpStorm,
NetBeans, Git, Nano, Vim,
PowerShell ISE, XAMPP, .NET
MAUI

the Haute Ecole Arc.

Globalmark : 5.3 / 6

CPNE, Neuchâtel — *Computer Science Technician*

2021 - 2023

Tertiary degree ES

Centre de formation professionnelle neuchâtelois

Globalmark : 4.95 / 6

CPLN, Neuchâtel — *CFC Computer scientist*

2015 - 2021

Secondary level 2

Centre Professionnel du Littoral Neuchâtelois

Globalmark : 5.2 / 6

Centre du Mail, Neuchâtel — *Secondary School*

2011 - 2015

Elementary Secondary School

WORKS

athenais.tech — *Website*

Automated Optical Inspection with deep learning, website to showcase the solutions and systems that athenais provides.

didix13.com — *Personal website*

Apache web server, handmade to play with bare metal servers and services (to test new IaC tools)

Acier D'ici — *Panatere SA Project*

Projet d'innovation dans la communication de recyclage d'acier en circuit court dans la Watch Valley

BrainIF — *Neurotechnology Project*

Side project about implementing micro-electrodes on the brain to create interfaces, solving brain diseases and more.

FreeWater — *Self-sufficient Fountain*

FreeWater was a school project with three co-workers, the goal was to create a fountain that could take the moisture out of the air and convert it into drinking water.

Monitoring

Prometheus, Grafana, Loki

Database

Oracle, PostgreSQL, MS Access, MySQL, SQLite, MongoDB, MariaDB

Languages

Java, C#, Python, Bash, HTML, CSS, JavaScript, PHP, SQL, PowerShell, x86 Assembly

Cloud

AWS, Docker Hub, MS Azure, Google Cloud Platform

Operating Systems

Windows 11+, Windows Server 2022, MacOS Sonoma, Ubuntu, Kali Linux, Arch Linux

HONOURS & REWARDS

Model

Mister Fête des Vendanges Neuchâtel 2023 - Winner
Embassy of Peru Fashion Show - Model
La Maladière Mall Fashion Show - Model

CTF (source ctftime.org)

2022 41th out of 35'875 teams

2021 1st out of 36'812 teams

2020 3rd out of 35'954 teams

2019 16th out of 24'815 teams

2018 35th out of 17'956 teams

2017 6'229 out of 14'985 teams

Bounty

2019 La Poste, E-voting Intrusion Test - 400 CHF